

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Characterizing Sensory Hypersensitivities in Autism	\$0	Q2.L.B	Massachusetts General Hospital
Simons Foundation	Connections between autism, serotonin and hedgehog signaling	\$0	Q2.S.D	Medical Research Council-National Institute for Medical Research
Simons Foundation	Multigenic basis for autism linked to 22q13 chromosomal region	\$249,999	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY
Simons Foundation	Motor cortex plasticity in MeCP2 duplication syndrome	\$62,500	Q2.S.D	Baylor College of Medicine
Simons Foundation	Translational dysregulation in autism pathogenesis and therapy	\$125,000	Q2.S.D	Massachusetts General Hospital
Simons Foundation	Role of GABA interneurons in a genetic model of autism	\$187,455	Q2.S.D	Yale University
Simons Foundation	Mouse Model of Dup15q Syndrome	\$670	Q2.S.D	Texas AgriLife Research
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q2.S.B	University of Washington
Autism Science Foundation	Sex differences in the neural mechanisms of treatment response	\$0	Q2.S.B	Yale University
Brain & Behavior Research Foundation	Behavioral, Cognitive, and Neural Signatures of Autism in Girls: Towards Big Data Science in Psychiatry	\$0	Q2.S.B	Stanford University
National Institutes of Health	Sex and age differences in the regulation of social recognition	\$469,500	Q2.S.B	BOSTON COLLEGE
National Institutes of Health	Sex-specific regulation of social play	\$320,770	Q2.S.B	BOSTON COLLEGE
National Institutes of Health	Neural Phenotypes of Females with Autism Spectrum Disorder	\$690,279	Q2.S.B	University of California, Davis
National Institutes of Health	Foxp2 regulation of sex specific transcriptional pathways and brain development	\$88,128	Q2.S.B	University of Maryland
National Institutes of Health	Multimodal Developmental Neurogenetics of Females with ASD	\$2,738,896	Q2.S.B	Yale University
National Institutes of Health	THE GENETIC AND NEUROANATOMICAL ORIGIN OF SOCIAL BEHAVIOR	\$100,657	Q2.S.B	BAYLOR COLLEGE OF MEDICINE
Autism Speaks	Why are autistic females rare and severe? An approach to autism gene identification.	\$0	Q2.S.B	Johns Hopkins University
Autism Science Foundation	Sex-Specific Gene-Environment Interactions Underlying ASD	\$0	Q2.S.B	Rockefeller University
Autism Speaks	Neural Correlates of Imitation in Children with Autism and their Unaffected Siblings	\$28,600	Q2.L.B	Harvard University
Autism Speaks	In-vivo MRS assay of brain glutamate-GABA balance and drug response in autism	\$59,949	Q2.L.B	King's College London
Autism Science Foundation	Social Motivations and Striatal Circuit Development in Children and Adolescents with Autism	\$35,000	Q2.L.B	Stanford University
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q2.L.B	SAN DIEGO STATE UNIVERSITY

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Brain & Behavior Research Foundation	Excitatory/Inhibitory Imbalance in Autism and Early-course Schizophrenia	\$0	Q2.L.B	Connecticut Mental Health Center
National Institutes of Health	Predicting risk and resilience in ASD through social visual engagement	\$210,158	Q2.L.B	Emory University
National Institutes of Health	Quantifiable markers of ASD via multivariate MEG-DTI combination	\$202,233	Q2.L.B	UNIVERSITY OF PENNSYLVANIA
Simons Foundation	Decoding Affective Prosody and Communication Circuits in Autism	\$138,829	Q2.L.B	Stanford University
Simons Foundation	Reliability of Sensory-Evoked Activity in Autism Spectrum Disorders- Project 1	\$91,937	Q2.L.B	Carnegie Mellon University
Simons Foundation	Local functional connectivity in the brains of people with autism	\$101,012	Q2.L.B	Massachusetts General Hospital
Autism Science Foundation	Mapping the Neurobehavioral Phenotype in Phelan McDermid Syndrome	\$35,000	Q2.S.D	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Autism Science Foundation	GABA and Gamma-band Activity: Biomarker for ASD?	\$0	Q2.S.D	University of Pennsylvania
Autism Science Foundation	The role of Shank3 in neocortex versus striatum and the pathophysiology of autism	\$25,000	Q2.S.D	Duke University
Brain & Behavior Research Foundation	Understanding the Genetic Architecture of Rett Syndrome - an Autism Spectrum Disorder	\$30,000	Q2.S.D	Cold Spring Harbor Laboratory
Department of Defense - Army	Neural Correlates of the Y Chromosome in Autism: XYY Syndrome as a Genetic Model	\$290,609	Q2.S.D	Children's Hospital of Philadelphia
Department of Defense - Army	Neural Correlates of the Y Chromosome in Autism: XYY Syndrome as a Genetic Model	\$153,479	Q2.S.D	Nemours Children's Health System, Jacksonville
National Institutes of Health	Language Development in Fragile X Syndrome	\$516,736	Q2.S.D	University of California, Davis
National Institutes of Health	Neuroactive Steroid GABAA Receptor Positive Modulators for Fragile X Syndrome	\$62,748	Q2.S.D	SAGE THERAPEUTICS, INC.
National Institutes of Health	Genetic Modifiers of Seizure Disorders in Fragile X Syndrome	\$261,539	Q2.S.D	Emory University
National Institutes of Health	A Longitudinal MRI Study of Brain Development in Fragile X Syndrome	\$548,356	Q2.S.D	University of North Carolina
National Institutes of Health	Predicting Phenotypic Trajectories in Prader-Willi Syndrome	\$302,050	Q2.S.D	Vanderbilt University
National Institutes of Health	Emergence and Stability of Autism in Fragile X Syndrome	\$358,000	Q2.S.D	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA
National Institutes of Health	Analysis of MEF2 in Cortical Connectivity and Autism-Associated Behaviors	\$53,282	Q2.S.D	MCLEAN HOSPITAL
National Institutes of Health	Phenotypic Characterization of MECP2 Mice	\$66,830	Q2.S.D	Children's Hospital of Philadelphia
National Institutes of Health	Role of MEF2 and neural activity in cortical synaptic weakening and elimination	\$387,160	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER

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National Institutes of Health	Neurobiological Mechanism of 15q11-13 Duplication Autism Spectrum Disorder	\$376,818	Q2.S.D	BETH ISRAEL DEACONESS MEDICAL CENTER
National Institutes of Health	mTOR modulation of myelination	\$179,659	Q2.S.D	Vanderbilt University
National Institutes of Health	BDNF and the Restoration of Synaptic Plasticity in Fragile X and Autism	\$453,289	Q2.S.D	University of California, Irvine
National Institutes of Health	Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$405,319	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
National Institutes of Health	THE ROLE OF MECP2 IN RETT SYNDROME	\$353,130	Q2.S.D	University of California, Davis
National Institutes of Health	Revealing protein synthesis defects in Fragile X Syndrome with new chemical tools	\$347,427	Q2.S.D	Stanford University
National Institutes of Health	MeCP2 Modulation of BDNF Signaling: Shared Mechanisms of Rett and Autism	\$371,057	Q2.S.D	UNIVERSITY OF ALABAMA AT BIRMINGHAM
National Institutes of Health	Phagocytosis is misregulated in a Drosophila model of Fragile X syndrome	\$27,349	Q2.S.D	Columbia University
Autism Speaks	Imaging-based real-time feedback to enhance therapeutic intervention in ASD	\$61,530	Q2.L.B	Stanford University
Autism Speaks	Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	\$29,500	Q2.L.B	University of California, Santa Barbara
Brain & Behavior Research Foundation	Studying Rett and Fragile X syndrome in human ES cells using TALEN technology	\$30,000	Q2.S.D	Whitehead Institute for Biomedical Research
Brain & Behavior Research Foundation	A Novel Glial Specific Isoform of Cdkl5: Implications for the Pathology of Autism in Rett Syndrome	\$0	Q2.S.D	University of Nebraska
Autism Science Foundation	Alteration of Dendrite and Spine Number and Morphology in Human Prefrontal Cortex of Autism	\$0	Q2.S.D	University of California, Davis
Brain & Behavior Research Foundation	Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4	\$30,000	Q2.S.D	University of North Carolina
Brain & Behavior Research Foundation	Modeling Microglial Involvement in Autism Spectrum Disorders, with Human Neuro-glial Co-cultures	\$0	Q2.S.D	Whitehead Institute for Biomedical Research
Brain & Behavior Research Foundation	Role of Serotonin Signaling during Neural Circuitry Formation in Autism Spectrum Disorders	\$0	Q2.S.D	Massachusetts Institute of Technology
Autism Speaks	Near-infrared spectroscopy studies of early neural signatures of autism	\$149,915	Q2.L.B	Yale University
Autism Speaks	Electrophysiologic biomarkers of language function in autism spectrum disorders	\$0	Q2.L.B	University of California, Los Angeles
Simons Foundation	Regulation of cortical circuits by tsc1 in GABAergic interneurons	\$59,113	Q2.S.B	Yale University

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Simons Foundation	Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias	\$62,500	Q2.S.B	University of California, San Francisco
Simons Foundation	Disrupted Network Activity in Neonatal Cortex of Mouse Models of Autism	\$62,500	Q2.S.B	Yale University
Simons Foundation	Behavioral and cognitive characteristics of females and males with autism	\$0	Q2.S.B	Cleveland Clinic Foundation
Autism Research Institute	Neuropathology of the Shank3 mouse model for autism	\$1,100	Q2.S.D	University of Louisville
Autism Speaks	Physiological studies in a human stem cell model of 15q duplication syndrome	\$0	Q2.S.D	University of Connecticut
Autism Speaks	Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$0	Q2.S.D	University of North Carolina
Autism Speaks	Pragmatic language and social-emotional processing in autism, fragile X, and the FMR1 premutation	\$24,898	Q2.S.D	NORTHWESTERN UNIVERSITY
Autism Speaks	Testing the ribosomal protein S6 as treatment target and biomarker in autism spectrum disorders	\$59,995	Q2.S.D	Cincinnati Children's Hospital Medical Center
Autism Speaks	TMLHE deficiency and a carnitine hypothesis for autism	\$0	Q2.S.D	Baylor College of Medicine
Autism Speaks	Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$0	Q2.S.D	University of North Carolina
Autism Speaks	A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$149,937	Q2.S.D	Boston Children's Hospital
Autism Speaks	TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$147,806	Q2.S.D	Case Western Reserve University
Autism Speaks	Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$149,044	Q2.S.D	King's College London
Autism Speaks	Probing the Molecular Mechanisms Underlying Autism: Examination of Dysregulated Protein Synthesis	\$51,400	Q2.S.D	National Institutes of Health
Autism Speaks	Dissecting the 16p11.2 CNV endophenotype in induced pluripotent stem cells	\$51,400	Q2.S.D	University of California, San Francisco
Autism Science Foundation	Role of astrocytic glutamate transporter GLT1 in Fragile X	\$0	Q2.S.D	Tufts University
Simons Foundation	Building awareness of the value of brain tissue donation for autism research	\$180,330	Q2.S.C	Autism Science Foundation
Autism Speaks	Foundation Associates agreement (BrainNet)	\$625,000	Q2.S.C	Foundation Associates, LLC
Autism Science Foundation	Addressing challenges to post-mortem tissue donation in families affected with autism	\$0	Q2.S.C	Autism Science Foundation
National Institutes of Health	Maximizing Biospecimen Collection from Children with Mental Health Conditions	\$1	Q2.S.C	GROUP HEALTH COOPERATIVE

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Simons Foundation	Mesocorticolimbic dopamine circuitry in mouse models of autism	\$174,944	Q2.S.D	Stanford University
Simons Foundation	Neural and cognitive discoordination in autism-related mouse models	\$277,072	Q2.S.D	New York University
Simons Foundation	Rapid screening for cortical circuit dysfunction in autism-related mouse models	\$59,835	Q2.S.D	University of California, Berkeley
Simons Foundation	Cerebellar plasticity and learning in a mouse model of autism	\$60,000	Q2.S.D	University of Chicago
Brain & Behavior Research Foundation	Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	\$66,667	Q2.Other	New York University
Brain & Behavior Research Foundation	Investigating the Role of RBFOX1 in Autism Etiology	\$30,000	Q2.Other	University of Miami
National Science Foundation	Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$532,028	Q2.Other	TERC Inc
Brain & Behavior Research Foundation	A Novel GABA Signalling Pathway in the CNS	\$25,000	Q2.Other	MCLEAN HOSPITAL
Brain & Behavior Research Foundation	Signaling Pathways that Regulate Excitatory-inhibitory Balance	\$0	Q2.Other	University of California, San Diego
Brain & Behavior Research Foundation	Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	\$30,000	Q2.Other	Max Planck Florida Institute for Neuroscience
Brain & Behavior Research Foundation	The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	\$0	Q2.Other	University of California, San Diego
Brain & Behavior Research Foundation	TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	\$0	Q2.Other	University of California, Los Angeles
National Institutes of Health	Neural markers of shared gaze during simulated social interactions in ASD	\$99,801	Q2.Other	Yale University
National Institutes of Health	fMRI and EEG approaches to the resting state in ASD	\$240,042	Q2.Other	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Integrity and Dynamic Processing Efficiency of Networks in ASD	\$763,675	Q2.Other	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Structural Polarity Influences Terminal Placement and Competition in Formation of the Calyx of Held	\$32,270	Q2.Other	WEST VIRGINIA UNIVERSITY
National Institutes of Health	EEG-Based Assessment of Functional Connectivity in Autism	\$175,176	Q2.Other	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
National Institutes of Health	Imaging adaptive cerebellar processing at cellular resolution in awake mice	\$428,215	Q2.Other	PRINCETON UNIVERSITY
National Institutes of Health	Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	\$47,900	Q2.Other	COLD SPRING HARBOR LABORATORY

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National Institutes of Health	Characterizing mechanistic heterogeneity across ADHD and Autism	\$140,305	Q2.Other	Oregon Health & Science University
National Institutes of Health	Intrinsic Brain Architecture of Young Children with Autism While Awake and Asleep	\$254,250	Q2.Other	New York University
National Institutes of Health	Decoding Neural Systems Underlying Affective Prosody in Children with Autism	\$176,164	Q2.Other	Stanford University
National Institutes of Health	An fMRI investigation of propagated intrinsic activity in early development and autism	\$28,934	Q2.Other	Washington University in St. Louis
National Institutes of Health	Brain Network Development in Normal and Autistic Children	\$187,164	Q2.Other	University of Utah
National Institutes of Health	Multiscale Genetic Connectivity of Primate Social Circuits	\$735,023	Q2.Other	University of Utah
National Institutes of Health	Neural basis of working memory and inhibitory control in ASD Children using NIRS	\$29,976	Q2.Other	GEORGETOWN UNIVERSITY
National Institutes of Health	Ontogeny and neural basis of social visual engagement in monkeys	\$312,009	Q2.Other	Emory University
National Institutes of Health	The Neural Bases of Top-Down Attentional Control in Autism Spectrum Disorders	\$14,160	Q2.Other	CITY COLLEGE OF NEW YORK
National Institutes of Health	Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	\$250,152	Q2.Other	PRINCETON UNIVERSITY
National Institutes of Health	Neurobehavioral Investigation of Tactile Features in Autism Spectrum Disorders	\$162,562	Q2.Other	Vanderbilt University
National Institutes of Health	Dysfunction of Sensory Inhibition in Autism	\$202,145	Q2.Other	Johns Hopkins University
National Institutes of Health	Functional connectivity in autism spectrum disorders	\$209,375	Q2.Other	Children's Hospital of Philadelphia
National Institutes of Health	Investigating Brain Connectivity in Autism at the Whole-Brain Level	\$232,967	Q2.Other	Johns Hopkins University
National Institutes of Health	The Cognitive Neuroscience of Autism Spectrum Disorders	\$1,032,186	Q2.Other	National Institutes of Health
National Institutes of Health	Social Brain Networks for the Detection of Agents and Intentions	\$416,250	Q2.Other	Yale University
Simons Foundation	Functional analysis of EPHB2 mutations in autism	\$124,950	Q2.Other	MCLEAN HOSPITAL
Simons Foundation	RNA dysregulation in autism	\$250,000	Q2.Other	Rockefeller University
Simons Foundation	Corticothalamic circuit interactions in autism	\$100,000	Q2.Other	Boston Children's Hospital
Simons Foundation	Alterations in brain-wide neuroanatomy in autism mouse models	\$300,000	Q2.Other	Cold Spring Harbor Laboratory
Simons Foundation	Local connectivity in altered excitation/inhibition balance states	\$62,500	Q2.Other	Weizmann Institute of Science
Simons Foundation	CLARITY: circuit-dynamics and connectivity of autism-related behavior	\$124,148	Q2.Other	Stanford University

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Simons Foundation	Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders	\$41,902	Q2.Other	Boston Children's Hospital
Department of Defense - Army	PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$0	Q2.S.E	University of North Carolina
Department of Defense - Army	PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$0	Q2.S.E	Duke University
Department of Defense - Army	PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$0	Q2.S.E	Duke University
Department of Defense - Army	IMAGING DEPRESSION IN ADULTS WITH ASD	\$0	Q2.S.E	State University New York Stony Brook
Department of Defense - Army	AUTISM AND OBESITY: CO-OCCURRING CONDITIONS OR DRUG SIDE EFFECTS?	\$0	Q2.S.E	Children's Mercy Hospital
Department of Defense - Army	CIRCADIAN RHYTHMS IN CHILDREN WITH ASD AND THEIR INFANT SIBLINGS	\$0	Q2.S.E	Naval Medical Research Center
Health Resources and Services Administration	Relationship Between Subtypes of Restricted and Repetitive Behaviors and Sleep Disturbance in Autism Spectrum Disorder	\$27,552	Q2.S.E	Vanderbilt University
National Institutes of Health	Neuroendocrine Regulation of Metabolism and Neurocognition	\$211,825	Q2.S.E	National Institutes of Health
National Institutes of Health	Molecular mechanisms linking early life seizures, autism and intellectual disabil	\$326,289	Q2.S.E	University of Colorado, Denver
Simons Foundation	Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	\$202,745	Q2.Other	University of California, Los Angeles
National Institutes of Health	Neural markers of shared gaze during simulated social interactions in ASD	\$416,250	Q2.Other	Yale University
Simons Foundation	Cortico-striatal dysfunction in the eIF4E transgenic mouse model of autism	\$124,496	Q2.S.D	New York University
Autism Speaks	Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$0	Q2.Other	University of Oxford
Simons Foundation	Social interaction and reward in autism: Possible role for ventral tegmental area	\$62,440	Q2.Other	University of Geneva
Simons Foundation	Multisensory processing in autism	\$60,000	Q2.Other	Baylor College of Medicine
National Institutes of Health	Early Life Seizures Disrupt Critical Period Plasticity	\$2,237	Q2.S.E	UNIVERSITY OF PENNSYLVANIA
National Institutes of Health	Translating OCD GWAS findings into mice: identifying epistatic modifiers of BTBD3	\$237,000	Q2.S.E	UNIVERSITY OF CHICAGO

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National Institutes of Health	Autism Spectrum Disorders and Depression: Shared Mechanisms in Brain and Behavior	\$160,115	Q2.S.E	Vanderbilt University
National Institutes of Health	Early Life Seizures Disrupt Critical Period Plasticity	\$409,568	Q2.S.E	UNIVERSITY OF PENNSYLVANIA
National Institutes of Health	Self-Regulation and Sleep in Children At Risk for Autism Spectrum Disorders	\$244,724	Q2.S.E	PURDUE UNIVERSITY
National Institutes of Health	Treatment of Medical Conditions among Individuals with Autism Spectrum Disorders	\$496,547	Q2.S.E	National Institutes of Health
National Institutes of Health	Neurobiology of Aggression Co-morbidity in Mouse Model of Idic15 Autism	\$217,500	Q2.S.E	BETH ISRAEL DEACONESS MEDICAL CENTER
National Institutes of Health	Genetic-imaging study of obsessive compulsive behavior in autism	\$395,918	Q2.Other	BROWN UNIVERSITY
National Institutes of Health	Social Cognitive Profiles of Autism and Schizophrenia	\$439,762	Q2.Other	UNIVERSITY OF TEXAS DALLAS
National Institutes of Health	Multimodal Imaging of Social Brain Networks in ASD	\$150,471	Q2.Other	SAN DIEGO STATE UNIVERSITY
National Institutes of Health	Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	\$623,389	Q2.Other	Stanford University
National Institutes of Health	Impairments of Theory of Mind disrupt patterns of brain activity	\$321,000	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
National Institutes of Health	The Computational Basis of Theory of Mind in the Human Brain	\$130,695	Q2.Other	CALIFORNIA INSTITUTE OF TECHNOLOGY
National Institutes of Health	A neural model of fronto-parietal mirror neuron system dynamics	\$185,646	Q2.Other	University of Maryland
National Institutes of Health	Computational characterization of language use in autism spectrum disorder	\$712,942	Q2.Other	Oregon Health & Science University
National Institutes of Health	Statistical Methods for Ultrahigh-dimensional Biomedical Data	\$308,918	Q2.Other	PRINCETON UNIVERSITY
National Institutes of Health	Validity and Reliability of New Standard for Resting fMRI Data	\$84,750	Q2.Other	New York University
National Institutes of Health	Novel computational methods for higher order diffusion MRI in autism	\$626,233	Q2.Other	UNIVERSITY OF PENNSYLVANIA
National Institutes of Health	Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$413,188	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	Physiology of Attention and Regulation in Children with ASD and LD	\$332,586	Q2.Other	SEATTLE CHILDREN'S HOSPITAL
National Institutes of Health	Mapping Thalamocortical Networks Across Development in ASD	\$195,834	Q2.Other	Vanderbilt University
National Institutes of Health	Investigating role of neuroligin-1 mutation in autism using human induced neurons	\$53,282	Q2.Other	Stanford University

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National Institutes of Health	UBR7 is a novel chromatin directed E3 ubiquitin ligase	\$194,545	Q2.Other	UNIVERSITY OF VIRGINIA
National Institutes of Health	The Elongation Hypothesis of Autism	\$752,400	Q2.Other	University of North Carolina
Simons Foundation	The Role of Glia in Fragile X Syndrome	\$60,000	Q2.S.D	Johns Hopkins University
Simons Foundation	Dysregulation of Mdm2-mediated p53 ubiquitination in autism mouse models	\$60,000	Q2.S.D	University of Illinois at Chicago
National Science Foundation	Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$365,480	Q2.Other	Massachusetts Institute of Technology
National Science Foundation	SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	\$0	Q2.Other	University of Kentucky
Autism Speaks	Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$0	Q2.Other	University of Colorado, Denver
Autism Speaks	GABAergic dysfunction in autism	\$0	Q2.Other	Johns Hopkins University
Autism Speaks	Understanding the brain basis of impaired imitation learning in autism	\$0	Q2.Other	Kennedy Krieger Institute
Autism Speaks	Brain electrophysiology of interactive social stimuli	\$0	Q2.Other	Yale University
Autism Speaks	Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	\$0	Q2.Other	University of California, Los Angeles
Autism Speaks	Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	\$149,999	Q2.Other	Massachusetts General Hospital
Simons Foundation	Characterizing 22q11.2 abnormalities	\$124,995	Q2.S.D	Children's Hospital of Philadelphia
Simons Foundation	16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders	\$100,000	Q2.S.D	University of Lausanne
Simons Foundation	Identification of genes responsible for a genetic cause of autism	\$250,000	Q2.Other	Case Western Reserve University
National Institutes of Health	Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	\$107,377	Q2.Other	University of California, Davis
National Institutes of Health	Molecular Dissection of Calmodulin Domain Functions	\$321,473	Q2.Other	UNIVERSITY OF IOWA
National Institutes of Health	Engrailed targets and the control of synaptic circuits in Drosophila	\$371,250	Q2.Other	UNIVERSITY OF PUERTO RICO MED SCIENCES
National Institutes of Health	Identification of genetic pathways that regulate neuronal circuits in C. elegans	\$51,530	Q2.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
National Institutes of Health	Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	\$323,873	Q2.Other	University of California, Berkeley

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National Institutes of Health	Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	\$14,920	Q2.Other	BRANDEIS UNIVERSITY
National Institutes of Health	Disruption of Reelin biosynthesis by de novo missense mutations found in aut	\$33,059	Q2.Other	UPSTATE MEDICAL UNIVERSITY
Autism Research Institute	Matrix metalloproteinases expression in autism spectrum disorders	\$0	Q2.Other	University of Naples
National Institutes of Health	Networked Cortical Responses to Movement Associated with ASD	\$372,970	Q2.Other	Duke University
National Institutes of Health	Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	\$467,000	Q2.Other	COLD SPRING HARBOR LABORATORY
Brain & Behavior Research Foundation	Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	\$0	Q2.Other	Hospital Riviere-des-Praires, University of Montreal, Canada
Brain & Behavior Research Foundation	Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$29,987	Q2.Other	University of Pittsburgh
Brain & Behavior Research Foundation	Development of a connectomic functional brain imaging endophenotype of autism	\$27,327	Q2.Other	University of Cambridge
Brain & Behavior Research Foundation	Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	\$30,000	Q2.Other	University of California, San Francisco
Brain & Behavior Research Foundation	Corticogenesis and Autism Spectrum Disorders: New Hypotheses on Transcriptional Regulation of Embryonic Neurogenesis by FGFs from In Vivo Studies and RNA-sequencing Analysis of Mouse Brain	\$0	Q2.Other	Yale University
Brain & Behavior Research Foundation	Interrogating Synaptic Transmission in Human Neurons	\$0	Q2.Other	Stanford University
Brain & Behavior Research Foundation	Investigating brain organization and activation in autism at the whole-brain level	\$30,000	Q2.Other	California Institute of Technology
Simons Foundation	Correcting excitatory-inhibitory imbalance in autism	\$225,000	Q2.Other	University of North Carolina
National Institutes of Health	Brain Systems Supporting Learning and Memory in Children with Autism	\$172,797	Q2.Other	Stanford University
National Institutes of Health	Structural and Functional Connectivity of Large-Scale Brain Networks in Autism	\$112,748	Q2.Other	University of Miami
National Institutes of Health	FUNCTIONAL ANATOMY OF FACE PROCESSING IN THE PRIMATE BRAIN	\$1,678,442	Q2.Other	National Institutes of Health
National Institutes of Health	Axonal Ultrastructure of Temporal White Matter in Autism	\$77,750	Q2.Other	University of California, Davis
National Institutes of Health	Organization of Excitatory and Inhibitory Circuits in ASD	\$395,236	Q2.Other	Boston University

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National Institutes of Health	Assessment of glutamate delta-1 receptor in mental disorders	\$181,875	Q2.Other	CREIGHTON UNIVERSITY
National Institutes of Health	Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder	\$309,761	Q2.Other	Duke University
National Institutes of Health	Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	\$366,427	Q2.Other	University of California, Davis
National Institutes of Health	Transcriptional Regulators in Normal Human Brain Development and Autism	\$34,216	Q2.Other	University of California, Los Angeles
National Institutes of Health	Typical and Pathological Cellular Development of the Human Amygdala	\$385,000	Q2.Other	University of California, Davis
National Institutes of Health	Time Perception and Timed Performance in Autism	\$227,487	Q2.Other	Michigan State University
National Institutes of Health	AUDITORY AND INTEGRATIVE FUNCTIONS OF THE PREFRONTAL CORTEX	\$393,700	Q2.Other	University of Rochester
National Institutes of Health	ANALYSIS OF CORTICAL FUNCTION	\$198,706	Q2.Other	National Institutes of Health
National Institutes of Health	Neural Mechanisms of Tactile Sensation in Rodent Somatosensory Cortex	\$251,860	Q2.Other	University of California, Berkeley
National Institutes of Health	Neural Basis of Behavioral Flexibility	\$356,612	Q2.Other	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
National Institutes of Health	Neural networks for attention to internal and external sensory cues in ASD	\$374,510	Q2.Other	Vanderbilt University
National Institutes of Health	Learning and plasticity in the human brain	\$409,567	Q2.Other	National Institutes of Health
National Institutes of Health	Structural and Functional Neuroimaging of the Auditory System in Autism	\$157,982	Q2.Other	Children's Hospital of Philadelphia
National Institutes of Health	Motor Control and Cerebellar Maturation in Autism	\$157,148	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
National Institutes of Health	The neurophysiology of sensory processing and multisensory integration in ASD	\$393,813	Q2.Other	SYRACUSE UNIVERSITY
National Institutes of Health	Neurobiological signatures of perception and imitation of AV speech in children w	\$467,562	Q2.Other	SOUTHERN CONNECTICUT STATE UNIVERSITY
Simons Foundation	The role of UBE3A in autism: Is there a critical window for social development?	\$108,900	Q2.S.D	Erasmus University Medical Center
Autism Science Foundation	Characterizing and Manipulating the Social Reward Dysfunction in a Novel Mouse Model for Autism	\$35,000	Q2.Other	Massachusetts Institute of Technology
Simons Foundation	Determining the role of GABA in four animal models of autism	\$0	Q2.Other	Neurochlore
Simons Foundation	Atypical architecture of prefrontal cortex in young children with autism	\$0	Q2.Other	University of California, San Diego
Simons Foundation	Subependymal zone function in autism spectrum disorders	\$0	Q2.Other	University of Oxford

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Role of endosomal NHE6 in brain connectivity and autism	\$0	Q2.Other	Brown University
Simons Foundation	Probing the neural basis of social behavior in mice	\$62,500	Q2.S.D	Massachusetts Institute of Technology
Simons Foundation	Linking circuit dynamics and behavior in a rat model of autism	\$196,290	Q2.S.D	University of California, San Francisco
Brain & Behavior Research Foundation	The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	\$45,000	Q2.Other	Johns Hopkins University
Brain & Behavior Research Foundation	Dissecting Reciprocal CNVs Associated With Autism	\$30,000	Q2.Other	Duke University
Simons Foundation	Amygdala circuitry of impaired social-emotional behavior in autism	\$0	Q2.Other	Rosalind Franklin University of Medicine and Science
Simons Foundation	Direct recording from autism brains	\$60,074	Q2.S.E	California Institute of Technology
National Institutes of Health	Molecular mechanisms of electrical synapse formation in vivo	\$90,000	Q2.Other	FRED HUTCHINSON CANCER RESEARCH CENTER
National Institutes of Health	Elucidating the Function of Class 4 Semaphorins in GABAergic Synapse Formation	\$333,553	Q2.Other	BRANDEIS UNIVERSITY
National Institutes of Health	Dynamic regulation of Shank3 and ASD	\$616,945	Q2.Other	Johns Hopkins University
National Institutes of Health	Reducing Diversity at the Gamma Protocadherin Locus by CRISPR Targeting	\$275,342	Q2.Other	JACKSON LABORATORY
National Institutes of Health	Signaling mechanisms in cerebellar development and function	\$494,324	Q2.Other	Vanderbilt University
National Institutes of Health	Functional analysis of Neuroligin-Neurexin interactions in synaptic transmission	\$336,875	Q2.Other	University of Massachusetts, Worcester
National Institutes of Health	Mechanisms of Autonomic Brainstem Development	\$243,000	Q2.Other	Children's Hospital Los Angeles
National Institutes of Health	Striatal Specific Alterations in Translation, Synaptic Function, and Behavior in	\$81,581	Q2.Other	New York University
National Institutes of Health	Regulation of SK2 channels by UBE3A	\$425,708	Q2.Other	WESTERN UNIVERSITY OF HEALTH SCIENCES
National Institutes of Health	Molecular control of prefrontal cortical circuitry in autism	\$254,250	Q2.Other	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
National Institutes of Health	Variation in Neuroligin Concentration and Presynaptic Functional Development	\$196,979	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	Role of Draxin in Forebrain Connectivity and Complex Behaviors	\$216,128	Q2.Other	WADSWORTH CENTER
Autism Speaks	High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$0	Q2.Other	Weill Cornell Medical College

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Cortical Plasticity in Autism Spectrum Disorders	\$443,702	Q2.Other	BETH ISRAEL DEACONESS MEDICAL CENTER
National Institutes of Health	The Social Brain in Schizophrenia and Autism Spectrum Disorders	\$523,573	Q2.Other	HARTFORD HOSPITAL
National Institutes of Health	Psychobiological investigation of the socioemotional functioning in autism	\$347,490	Q2.Other	Vanderbilt University
National Institutes of Health	Characterizing mechanistic heterogeneity across ADHD and Autism	\$561,952	Q2.Other	Oregon Health & Science University
National Science Foundation	Experience and cognitive development in infancy	\$0	Q2.Other	University of California, Davis
Autism Speaks	Attention & word learning in children with ASD- Translating experimental findings into intervention	\$0	Q2.Other	Women & Infants Hospital
Autism Speaks	Single-unit recordings in neurosurgical patients with autism	\$0	Q2.S.E	California Institute of Technology
Brain & Behavior Research Foundation	Engagement of Social Cognitive Networks during Game Play in Autism	\$29,933	Q2.Other	Duke University
Brain & Behavior Research Foundation	Developmental in Axons underlie Neuropsychiatric Illness	\$30,000	Q2.Other	Children's Research Institute (CRI) Children's National Medical Center
Brain & Behavior Research Foundation	Brain Transcriptome Sequencing and Non-coding RNA Characterization in Autism Spectrum Disorders	\$14,950	Q2.Other	University of New South Wales
National Institutes of Health	Timed mRNA translation events in neocortical development and neurodevelopmental disorders	\$39,276	Q2.Other	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
National Institutes of Health	Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	\$90,000	Q2.Other	MAYO CLINIC ROCHESTER
National Institutes of Health	Bidirectional Tyrosine Kinase Signaling	\$614,042	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
National Institutes of Health	Function and Structure Adaptations in Forebrain Development	\$662,342	Q2.Other	Children's Hospital Los Angeles
National Institutes of Health	Role of autism-associated chromatin remodeler Brg1 in neuronal development	\$238,500	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
National Institutes of Health	PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	\$386,750	Q2.Other	Stanford University
National Institutes of Health	Protein network of high risk copy number variants for psychiatric disorders	\$227,135	Q2.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
National Institutes of Health	Functional Genomics of Human Brain Development	\$1,338,015	Q2.Other	Yale University
National Institutes of Health	Wnt modulation as a treatment for Autism Spectrum Disorders	\$222,318	Q2.Other	UNIVERSITY OF IOWA
National Institutes of Health	Biology of Non-Coding RNAs Associated with Psychiatric Disorders	\$415,143	Q2.Other	UNIVERSITY OF SOUTHERN CALIFORNIA

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Dissecting neural mechanisms integrating multiple inputs in <i>C. elegans</i>	\$453,240	Q2.Other	SALK INSTITUTE FOR BIOLOGICAL STUDIES
National Science Foundation	CAREER: The role of prosody in word segmentation and lexical access	\$0	Q2.Other	Michigan State University
National Science Foundation	Action anticipation in infants	\$0	Q2.Other	University of Chicago
Brain & Behavior Research Foundation	Abnormal connectivity in autism	\$0	Q2.Other	University of California, Los Angeles
Brain & Behavior Research Foundation	Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	\$0	Q2.Other	Yale University
Brain & Behavior Research Foundation	Reconceptualizing Brain Connectivity and Development in Autism	\$0	Q2.Other	University of Miami
Brain & Behavior Research Foundation	Activity-dependent Mechanisms of Visual Circuit Formation	\$30,000	Q2.Other	Children's Research Institute (CRI) Children's National Medical Center
Brain & Behavior Research Foundation	Dissecting the Human Magnocellular Visual Pathway in Perceptual Disorders	\$0	Q2.Other	New York University
Simons Foundation	Contribution of cerebellar CNTNAP2 to autism in a mouse model	\$0	Q2.Other	University of Oxford
Simons Foundation	Unreliability of neuronal responses in mouse models of autism	\$125,000	Q2.Other	Carnegie Mellon University
Simons Foundation	Molecular signatures of autism genes and the 16p11.2 deletion	\$0	Q2.Other	Massachusetts General Hospital
Brain & Behavior Research Foundation	A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	\$30,000	Q2.Other	University of California, Los Angeles
Brain & Behavior Research Foundation	$\alpha$ -Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	\$30,000	Q2.Other	University of California, Davis
Brain & Behavior Research Foundation	The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia	\$15,000	Q2.Other	Cincinnati Children's Hospital Medical Center
Simons Foundation	Canonical neural computation in autism	\$0	Q2.Other	New York University
Simons Foundation	Modeling alteration of RBFOX1 (A2BP1) target network in autism	\$0	Q2.Other	Columbia University
Simons Foundation	Mapping functional neural circuits that mediate social behaviors in autism	\$125,000	Q2.Other	Duke University
Simons Foundation	Restoring cortical plasticity in a Rett mouse model	\$0	Q2.S.D	Stanford University
Simons Foundation	MAGEL2, a candidate gene for autism and Prader-Willi syndrome	\$52,224	Q2.S.D	University of Alberta
Simons Foundation	Cortical inhibition and disrupted vocal perception in MeCP2 +/- mice	\$81,970	Q2.S.D	Cold Spring Harbor Laboratory
Simons Foundation	Neural mechanisms underlying autism behaviors in SCN1A mutant mice	\$200,000	Q2.S.D	University of Washington

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Simons Foundation	Linking genetic mosaicism, neural circuit abnormalities and behavior	\$62,500	Q2.S.D	Brown University
Autism Speaks	Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$150,000	Q2.S.E	Vanderbilt University
Simons Foundation	Platform for autism treatments from exome analysis	\$289,389	Q2.S.E	Rockefeller University
National Institutes of Health	Role of Neurexin in Synapse Formation and Maintenance	\$56,978	Q2.Other	Stanford University
National Institutes of Health	Caspr2 as an autism candidate gene: a proteomic approach to function & structure.	\$318,000	Q2.Other	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
National Institutes of Health	Shank3 in Synaptic Function and Autism	\$401,250	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
National Institutes of Health	Understanding the Role of Epac2 in Cognitive Function	\$47,676	Q2.Other	NORTHWESTERN UNIVERSITY
National Institutes of Health	Optogenetic treatment of social behavior in autism	\$385,000	Q2.Other	University of California, Los Angeles
National Institutes of Health	HIGH THROUGHPUT SCREEN FOR SMALL MOLECULE PROBES FOR NEURAL NETWORK DEVELOPMENT	\$405,000	Q2.Other	Johns Hopkins University
National Institutes of Health	Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice	\$425,202	Q2.Other	Duke University
National Institutes of Health	Monoallelic expression in neurons derived from induced pluripotent stem cells	\$414,150	Q2.Other	ALBERT EINSTEIN COLLEGE OF MEDICINE
National Institutes of Health	Using Drosophila to Characterize the Molecular Pathogenesis of Autism	\$195,000	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Autism Speaks	A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$0	Q2.Other	University of California, San Francisco
Autism Speaks	Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$0	Q2.Other	Stanford University
Autism Speaks	Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$0	Q2.Other	Washington University in St. Louis
Autism Speaks	Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$0	Q2.Other	SAN DIEGO STATE UNIVERSITY
National Science Foundation	CAREER: Statistical models and classification of time-varying shape	\$0	Q2.Other	University of Utah
National Science Foundation	RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$0	Q2.Other	Georgia Tech Research Corporation
National Science Foundation	HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Science Foundation	CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
National Science Foundation	Network Optimization of Functional Connectivity in Neuroimaging for Differential Diagnosis of Brain Diseases	\$5,000	Q2.Other	University of Washington
National Science Foundation	CAREER: Typical and atypical development of brain regions for theory of mind	\$151,160	Q2.Other	Massachusetts Institute of Technology
National Science Foundation	Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
National Science Foundation	CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
National Science Foundation	BRIGE: Emotion mapping of children through human-robot interaction and affective computing	\$0	Q2.Other	University of Louisville
National Science Foundation	Neural basis of cross-modal influences on perception	\$0	Q2.Other	University of California, San Diego
National Science Foundation	MRI: Acquisition of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills	\$0	Q2.Other	Emerson College
Brain & Behavior Research Foundation	Neural Basis of Deficits in Multisensory Integration in Schizophrenia and ASD	\$0	Q2.Other	Columbia University
Department of Defense - Army	How autism affects speech understanding in multitaler environments	\$0	Q2.Other	University of Maryland
Department of Defense - Army	DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS	\$0	Q2.Other	NORTHWESTERN UNIVERSITY
Department of Defense - Army	Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$0	Q2.Other	University of California, Irvine
National Institutes of Health	Met Signaling in Neural Development and Circuitry Formation	\$238,640	Q2.Other	UNIVERSITY OF ARIZONA
National Institutes of Health	Frontostriatal Synaptic Dysfunction in a Model of Autism	\$55,094	Q2.Other	Stanford University
National Institutes of Health	Molecular mechanisms of the synaptic organizer alpha-neurexin	\$388,750	Q2.Other	UNIVERSITY OF TEXAS MEDICAL BR GALVESTON
National Institutes of Health	The Impact of Pten Signaling on Neuronal Form and Function	\$405,000	Q2.Other	DARTMOUTH COLLEGE
National Institutes of Health	Cytoplasmic Functions of Rbfox1, a Candidate Autism Gene	\$192,500	Q2.Other	University of California, Los Angeles
National Institutes of Health	Impact of SynGAP1 Mutations on Synapse Maturation and Cognitive Development	\$614,568	Q2.Other	SCRIPPS FLORIDA
National Institutes of Health	Function of Neurexins	\$488,615	Q2.Other	Stanford University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	The Striatal Circuitry Underlying Autistic-Like Behaviors	\$32,419	Q2.Other	Duke University
National Institutes of Health	Modulation of RhoA Signaling by the mRNA Binding Protein hnRNPQ1	\$31,356	Q2.Other	Emory University
National Institutes of Health	Behavioral, fMRI, and Anatomical MRI Investigations of Attention in Autism	\$53,282	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
National Institutes of Health	Cognitive Control of Emotion in Autism	\$101,348	Q2.Other	University of Pittsburgh
National Institutes of Health	Functional and Structural Optical Brain Imaging	\$634,153	Q2.Other	National Institutes of Health
National Institutes of Health	Functional connectivity substrates of social and non-social deficits in ASD	\$698,074	Q2.Other	Massachusetts General Hospital
National Institutes of Health	Brain Bases of Language Deficits in SLI and ASD	\$614,180	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
National Institutes of Health	Electrophysiological Signatures of Language Impairment in Autism Spectrum Disord	\$318,332	Q2.Other	Children's Hospital of Philadelphia
National Science Foundation	Collaborative Research: Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning	\$270,363	Q2.Other	Landmark College
Simons Foundation	Autism and the insula: Genomic and neural circuits	\$0	Q2.Other	California Institute of Technology
Simons Foundation	Neurologin, oxidative stress and autism	\$75,000	Q2.Other	Oklahoma Medical Research Foundation
Simons Foundation	A functional genomic analysis of the cerebral cortex	\$142,273	Q2.Other	University of California, Los Angeles
Simons Foundation	Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	\$62,500	Q2.Other	Weizmann Institute of Science
Simons Foundation	Functional analysis of EPHB2 mutations in autism - Project 1	\$90,616	Q2.Other	Yale University
Simons Foundation	Analysis of autism linked genes in C. elegans	\$62,500	Q2.Other	Massachusetts General Hospital
Simons Foundation	Interneuron subtype-specific malfunction in autism spectrum disorders	\$240,000	Q2.Other	New York University
Simons Foundation	Hippocampal mechanisms of social learning in animal models of autism	\$125,000	Q2.Other	Baylor College of Medicine
Simons Foundation	Altered sensorimotor processing in a mouse model of autism	\$0	Q2.Other	Louisiana State University School of Veterinary Medicine
Simons Foundation	Dendritic 'translatome' in fragile X syndrome and autism	\$60,000	Q2.S.D	University of Michigan
Simons Foundation	Genetic contribution to language-related preclinical biomarkers of autism	\$0	Q2.S.D	University of Pennsylvania
Simons Foundation	Role of LIN28/let-7 axis in autism	\$125,000	Q2.Other	Johns Hopkins University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	CNTNAP2 regulates production, migration and organization of cortical neurons	\$124,996	Q2.Other	Memorial Sloan-Kettering Cancer Center
Autism Speaks	Molecular analysis of gene-environment interactions in the intestines of children with autism	\$150,000	Q2.S.E	Columbia University
Autism Speaks	Identifying a blood-based biomarker for Autism Spectrum Disorder-related inflammatory bowel disease	\$60,000	Q2.S.E	Wake Forest University
Simons Foundation	Direct Recordings from the Brain in Autism	\$60,000	Q2.S.E	California Institute of Technology
National Institutes of Health	Neuroimmunologic Investigations of Autism Spectrum Disorders (ASD)	\$165,516	Q2.S.F	National Institutes of Health
Autism Speaks	Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$0	Q2.Other	University of California, San Diego
Autism Speaks	Social reward in autism: Electrophysiological, behavioral, and clinical correlates	\$54,400	Q2.Other	SEATTLE CHILDREN'S HOSPITAL
Autism Speaks	Functional Connectivity during Working Memory in Children with ASD: A NIRS Study	\$0	Q2.Other	Georgetown University
Autism Speaks	Neural Synchrony and Plasticity in Children with Autism	\$54,400	Q2.Other	University of North Carolina
Autism Speaks	Na <sup>+</sup> -H <sup>+</sup> Exchanger Mechanisms in Autism Pathophysiology and Treatment	\$29,478	Q2.Other	Brown University
Autism Speaks	Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$0	Q2.Other	University of California, San Francisco
Department of Defense - Army	White matter glial pathology in autism	\$0	Q2.Other	East Tennessee State University
Health Resources and Services Administration	Communication Deficits and the Motor System in ASD: Dissecting Patterns of Association and Dissociation Between Them	\$19,323	Q2.Other	Massachusetts General Hospital
Department of Defense - Army	The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$0	Q2.Other	Baylor College of Medicine
Department of Defense - Army	BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	\$0	Q2.Other	University of Maryland
Health Resources and Services Administration	Bone Accrual Rates in Boys with ASD	\$196,546	Q2.Other	Lurie Center
National Institutes of Health	The flexibility of individuation and ensemble representation	\$51,530	Q2.Other	NORTHWESTERN UNIVERSITY
National Institutes of Health	Artifacts as Windows to Other Minds: Social Reasoning In Typical and ASD Children	\$53,282	Q2.Other	Boston University
National Institutes of Health	DEVELOPMENT OF FACE PROCESSING EXPERTISE	\$354,267	Q2.Other	UNIVERSITY OF TORONTO
National Institutes of Health	Electrophysiological Response to Executive Control Training in Autism	\$248,969	Q2.Other	CHILDREN'S HOSPITAL CORPORATION

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Magnetoencephalographic studies of lexical processing and abstraction in autism	\$306,974	Q2.Other	UNIVERSITY OF PENNSYLVANIA
National Institutes of Health	Neural Circuits That Regulate Social Motivation in Autism	\$146,325	Q2.Other	University of North Carolina
National Institutes of Health	Executive Function in Children with Typical and Atypical Language Abilities	\$564,177	Q2.Other	University of Wisconsin
National Institutes of Health	Statistical Word Learning in Children with Language Disorders	\$29,799	Q2.Other	University of Wisconsin
National Institutes of Health	Verbal/non-verbal asynchrony in adolescents with high-functioning Autism	\$381,620	Q2.Other	EMERSON COLLEGE
National Institutes of Health	Characterizing Lexical Processing in Toddlers with Autism Spectrum Disorders	\$553,221	Q2.Other	University of Wisconsin
National Institutes of Health	Mechanisms underlying word learning in children with ASD: Non-social learning and	\$171,433	Q2.Other	Boston University
Simons Foundation	Impact of NR2B mutations on NMDA receptors and synapse formation	\$0	Q2.Other	Case Western Reserve University
Simons Foundation	Bone marrow transplantation and the role of microglia in autism	\$172,031	Q2.S.A	University of Virginia
Simons Foundation	Role of microglia and complement at developing synapses in ASD	\$62,500	Q2.S.A	Boston Children's Hospital
National Institutes of Health	Mitochondrial dysfunction due to aberrant mTOR-regulated mitophagy in autism	\$183,568	Q2.S.A	Columbia University
National Institutes of Health	GABRB3 and Placental Vulnerability in ASD	\$582,482	Q2.S.A	Stanford University
National Institutes of Health	Prostaglandins and Cerebellum Development	\$371,250	Q2.S.A	University of Maryland
National Institutes of Health	Autoimmunity Against Novel Antigens in Neuropsychiatric Dysfunction	\$320,000	Q2.S.A	UNIVERSITY OF PENNSYLVANIA
National Institutes of Health	The effect of maternal obesity and inflammation on neuronal and microglial functi	\$78,250	Q2.S.A	MAYO CLINIC JACKSONVILLE
Simons Foundation	Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$44,209	Q2.S.G	Harvard University
Simons Foundation	Simons Variation in Individuals Project (VIP) Principal Investigator	\$263,318	Q2.S.G	Columbia University
Simons Foundation	Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site	\$1,335,122	Q2.S.G	Children's Hospital of Philadelphia
Simons Foundation	Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	\$651,290	Q2.S.G	Geisinger Clinic
Simons Foundation	Speech disorders in individuals with 16p11.2 deletion or duplication	\$20,000	Q2.S.G	University of Wisconsin

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	\$0	Q2.S.G	Posit Science Corporation
Simons Foundation	VIP Family Meetings	\$68,384	Q2.S.G	VIP Family Meetings
National Institutes of Health	Genome-wide Identification of Variants Affecting Early Human Brain Development	\$413,630	Q2.S.G	University of North Carolina
National Institutes of Health	Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$657,501	Q2.S.G	SLOAN-KETTERING INST CAN RESEARCH
Autism Speaks	Anti-Neuronal Autoantibodies in PANDAS and Autism Spectrum Disorders	\$0	Q2.S.A	University of Oklahoma Health Sciences Center
Brain & Behavior Research Foundation	Genotype to Phenotype Association in Autism Spectrum Disorders	\$0	Q2.S.G	Massachusetts General Hospital
National Institutes of Health	Infection, fever and immune signatures in an autism birth cohort	\$788,507	Q2.S.A	Columbia University
National Institutes of Health	Dissecting Epistasis and Pleiotropy in Autism towards Personalized Medicine	\$83,334	Q2.S.G	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
National Institutes of Health	Characterizing the genetic systems of autism through multi-disease analysis	\$498,198	Q2.S.G	Stanford University
National Institutes of Health	A computational framework for predicting the impact of mutations in autism	\$533,354	Q2.S.G	UNIVERSITY OF CALIFORNIA SAN DIEGO
National Institutes of Health	Neuroimaging genetics to study social cognitive deficits in ASD and schizophrenia	\$118,665	Q2.S.G	Massachusetts General Hospital
Department of Defense - Air Force	A collaborative translational autism research program for the military.	\$966,000	Q2.S.G	Nationwide Children's Hospital
Brain & Behavior Research Foundation	Multimodal Characterization of the Brain Phenotype in Children with Duplication of the 7q11.23 Williams Syndrome Chromosomal Region: A Well-defined Genetic Model for Autism	\$0	Q2.S.G	National Institutes of Health
National Institutes of Health	Project 3: Immune Environment Interaction and Neurodevelopment	\$107,727	Q2.S.A	University of California, Davis
Autism Speaks	The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Simons Foundation	Synergy between genetic risk and placental vulnerability to immune events	\$125,306	Q2.S.A	Stanford University
Department of Defense - Army	Mechanisms of synaptic alterations in a neuroinflammation model of autism	\$0	Q2.S.A	University of Nebraska
Department of Defense - Army	Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$0	Q2.S.A	University of Southern California
Department of Defense - Army	Mechanisms of mitochondrial dysfunction in autism	\$0	Q2.S.A	Georgia State University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$140,875	Q2.S.G	Geisinger Clinic
Simons Foundation	Neurobiological Correlates of Motor Impairment in Children with 16p11.2	\$60,000	Q2.S.G	Children's Hospital of Philadelphia
Simons Foundation	Role of the 16p11.2 CNV in autism: genetic, cognitive and synaptic/circuit analyses	\$300,850	Q2.S.G	Broad Institute, Inc.
Simons Foundation	Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$820,597	Q2.S.G	University of California, San Francisco
Simons Foundation	Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$62,500	Q2.S.G	Weis Center for Research - Geisinger Clinic
Simons Foundation	Developmental neurogenetics in adolescents with autism	\$124,834	Q2.S.G	Yale University
Autism Speaks	IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$0	Q2.S.A	University of California, Davis
Brain & Behavior Research Foundation	Identification and Functional Analysis of Risk Genes for Autistic Macrocephaly	\$30,000	Q2.S.G	King's College London
Brain & Behavior Research Foundation	Autism Linked LRRTM4-Heparan Sulphate Proteoglycan Complex Functions in Synapse Development	\$30,000	Q2.S.G	University of British Columbia
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q2.S.G	Boston University
Department of Defense - Army	MATERNAL BRAIN-REACTIVE ANTIBODIES AND AUTISM SPECTRUM DISORDER	\$0	Q2.S.A	Feinstein Institute for Medical Research
Brain & Behavior Research Foundation	A Massively Parallel Approach to Functional Testing of PTEN Mutations	\$0	Q2.S.G	Oregon Health & Science University
Autism Research Institute	ASD - Inflammatory Subtype: Molecular Mechanisms	\$0	Q2.S.A	Rutgers University
Autism Research Institute	The role of brainstem NTS inflammation and oxidative stress in Autism	\$0	Q2.S.A	Wadsworth Center
Autism Research Institute	Elevated serum neurotensin and CRH levels in children with autistic spectrum disorders and tail-chasing Bull Terriers with a phenotype similar to autism.	\$30,000	Q2.S.A	Tufts University
Autism Research Institute	Neuregulin 1 (NRG1) in autistic children	\$5,520	Q2.S.A	Hartwick College
Autism Research Institute	Abnormalities in signal transduction in autism	\$20,000	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
Autism Research Institute	Anti-GAD antibodies in autism	\$9,650	Q2.S.A	Hartwick College
Autism Research Institute	MIG-6 tumor suppressor gene protein and ERK 1 and 2 and their association with EGF and EGFR in autistic children	\$7,040	Q2.S.A	Hartwick College
Simons Foundation	Imaging markers of brain malformations in people with 16p11.2 alterations	\$60,000	Q2.S.G	New York University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Beta-catenin signaling in autism spectrum disorders	\$0	Q2.S.G	University of Illinois at Chicago
Brain & Behavior Research Foundation	Antigenic Specificity and Neurological Effects of Monoclonal Anti-brain Antibodies Isolated from Mothers of a Child with Autism Spectrum Disorder: Toward Protection Studies	\$0	Q2.S.A	The Feinstein Institute for Medical Research
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$328,913	Q2.S.G	Boston Children's Hospital
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$0	Q2.S.G	Baylor College of Medicine
Simons Foundation	Simons Variation in Individuals Project (VIP) Statistical Core Site	\$240,657	Q2.S.G	Columbia University
Simons Foundation	Genetic investigations of motor stereotypies	\$62,403	Q2.S.G	Yale University
Autism Science Foundation	Studying Williams Syndrome to Better Characterize Early Social Behavior in ASD	\$5,000	Q2.S.G	Washington University in St. Louis
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q2.S.G	Harvard University
Autism Speaks	Anti-Neuronal Autoantibodies against Bacterial Polysaccharides in Autism Spectrum Disorders	\$100,000	Q2.S.A	University of Oklahoma Health Sciences Center
Autism Science Foundation	The Role of Shank3 in Neocortex Versus Striatum and the Pathophysiology of Autism	\$0	Q2.S.G	Duke University
Simons Foundation	Immune signaling in the developing brain in mouse models of ASD	\$100,000	Q2.S.A	University of California, Davis
Autism Speaks	PET/MRI investigation of neuroinflammation in autism spectrum disorders	\$51,400	Q2.S.A	Massachusetts General Hospital
Simons Foundation	Fever, meningeal immunity and immune factors in autism	\$0	Q2.S.A	University of Virginia
Simons Foundation	Roles of pro-inflammatory Th17 cells in autism	\$249,872	Q2.S.A	New York University
Simons Foundation	Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$250,000	Q2.S.G	University of Louisville
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$302,353	Q2.S.G	University of Washington
Simons Foundation	Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$263,959	Q2.S.G	University of California, San Francisco
Simons Foundation	A gene-driven systems approach to identifying autism pathology	\$999,172	Q2.S.G	University of California, San Francisco
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q2.S.G	Rutgers University
Simons Foundation	Characterization of infants and toddlers with the 16p copy-number variation	\$0	Q2.S.G	Boston Children's Hospital

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Autism Speaks	Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$0	Q2.S.G	University of Southern California
Autism Speaks	A system-level approach for discovery of phenotype specific genetic variation in ASD	\$29,500	Q2.S.G	Hebrew University of Jerusalem
Autism Speaks	Identification and validation of genetic variants which cause the Autism Macrocephaly subphenotype	\$29,500	Q2.S.G	University of California, Los Angeles
Autism Speaks	Folate receptor autoimmunity in Autism Spectrum Disorders	\$149,656	Q2.S.A	State University of New York, Downstate Medical Center
Simons Foundation	Immune p38-alpha MAPK activation: Convergent mechanism linking autism models	\$105,403	Q2.S.A	Florida Atlantic University
Simons Foundation	Statistical methodology and analysis of the Simons Simplex Collection and related data	\$142,350	Q2.S.G	University of Pennsylvania
National Institutes of Health	The genomic bridge project (GBP)	\$152,352	Q2.S.G	Massachusetts General Hospital
National Institutes of Health	Animal Model of Genetics and Social Behavior in Autism Spectrum Disorders	\$673,494	Q2.S.G	Duke University
National Institutes of Health	HIGH THROUGHPUT SEQUENCING OF AUTISM SPECTRUM DISORDER (ASD) ENDOPHENOTYPES	\$39,876	Q2.S.G	BAYLOR COLLEGE OF MEDICINE
National Institutes of Health	Biological Determinants of Brain Variation in Autism	\$578,397	Q2.S.G	University of Wisconsin
National Institutes of Health	Phenotypic Characterization of Gene Disrupting Mutations in ASD	\$463,336	Q2.S.G	University of Washington
National Institutes of Health	DEVELOPMENTAL SYNAPTOPATHIES ASSOCIATED WITH TSC, PTEN AND SHANK3 MUTATIONS	\$310,086	Q2.S.G	CHILDREN'S HOSPITAL CORPORATION
National Institutes of Health	Development of vision and attention in typical and ASD individuals	\$301,210	Q2.S.G	BROWN UNIVERSITY
National Institutes of Health	A Family-Genetic Study of Language in Autism	\$320,687	Q2.S.G	NORTHWESTERN UNIVERSITY
National Institutes of Health	Genetic and genomic analyses to connect genes to brain to cognition in ASD	\$247,228	Q2.S.G	University of California, Los Angeles
National Institutes of Health	Neuroimaging signatures of autism: Linking brain function to genes and behavior	\$184,134	Q2.S.G	University of California, Los Angeles
Autism Speaks	Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	\$0	Q2.L.A	Boston Children's Hospital
Autism Science Foundation	Undergraduate Research Award	\$3,000	Q2.L.A	Yale University
National Institutes of Health	A Longitudinal MRI Study of Infants at Risk for Autism	\$2,429,945	Q2.L.A	University of North Carolina

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Predictors of Cognitive Development in Autism Spectrum Disorder	\$557,566	Q2.L.A	University of California, Davis
National Institutes of Health	Longitudinal Characterization of Functional Connectivity in Autism	\$182,352	Q2.L.A	University of Utah
National Institutes of Health	PEDIATRIC BRAIN IMAGING	\$1,857,911	Q2.L.A	National Institutes of Health
National Science Foundation	Gesture as a forerunner of linguistic change-insights from autism	\$0	Q2.L.A	Georgia State University
Simons Foundation	Mechanisms of synapse elimination by autism-linked genes	\$150,000	Q2.S.D	University of Texas Southwestern Medical Center
National Institutes of Health	Mechanisms Underlying the Cerebellar Contribution to Autism in Mouse Models of Tu	\$190,458	Q2.S.D	CHILDREN'S HOSPITAL CORPORATION
National Institutes of Health	MRI Biomarkers of Patients with Tuberous Sclerosis Complex and Autism	\$716,468	Q2.S.D	CHILDREN'S HOSPITAL CORPORATION
National Institutes of Health	Imaging of protein synthesis and ubiquitination in fragile x syndrome	\$234,000	Q2.S.D	Emory University
National Institutes of Health	Identification of TSC cellular phenotypes using patient-derived iPSCs	\$229,322	Q2.S.D	Rutgers University
National Institutes of Health	Investigating the role of Tsc1 in neocortical circuit assembly	\$47,114	Q2.S.D	Stanford University
National Institutes of Health	Neurotrophic Factor Regulation of Gene Expression	\$615,631	Q2.S.D	HARVARD MEDICAL SCHOOL
National Institutes of Health	THE ROLE OF MECP2 IN RETT SYNDROME	\$100,000	Q2.S.D	University of California, Davis
National Institutes of Health	Mechanisms and Rescue of Neural Circuit Dysfunction in Mecp2 Mutant Mice	\$92,578	Q2.S.D	BAYLOR COLLEGE OF MEDICINE
National Institutes of Health	Role of UBE3A in the Central Nervous System	\$321,269	Q2.S.D	University of North Carolina
National Institutes of Health	Tet-mediated Epigenetic Modulation in Autism	\$684,145	Q2.S.D	Emory University
National Institutes of Health	Targeting the PI3K Enhancer PIKE to Reverse FXS-associated Phenotypes	\$206,000	Q2.S.D	Emory University
National Institutes of Health	Presynaptic Fragile X Proteins	\$249,000	Q2.S.D	DREXEL UNIVERSITY
National Institutes of Health	Genetic and Developmental Analyses of Fragile X Mental Retardation Protein	\$394,554	Q2.S.D	Vanderbilt University
National Institutes of Health	A Novel Essential Gene for Human Cognitive Function	\$35,030	Q2.S.D	HARVARD MEDICAL SCHOOL
National Institutes of Health	Allelic Choice in Rett Syndrome	\$390,481	Q2.S.D	WINIFRED MASTERSON BURKE MED RES INST
National Institutes of Health	Activity-dependent phosphorylation of MeCP2	\$177,055	Q2.S.D	HARVARD MEDICAL SCHOOL
National Institutes of Health	Translation, Synchrony, and Cognition	\$376,430	Q2.S.D	New York University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	MicroRNAs in Synaptic Plasticity and Behaviors Relevant to Autism	\$131,220	Q2.S.D	Massachusetts General Hospital
National Institutes of Health	Novel candidate mechanisms of fragile X syndrome	\$248,873	Q2.S.D	UNIVERSITY OF MICHIGAN
National Institutes of Health	A Family-Genetic Study of Autism and Fragile X Syndrome	\$632,570	Q2.S.D	NORTHWESTERN UNIVERSITY
National Institutes of Health	Cortactin and Spine Dysfunction in Fragile X	\$33,319	Q2.S.D	University of California, Irvine
National Institutes of Health	Dysregulation of Protein Synthesis in Fragile X Syndrome	\$1,060,826	Q2.S.D	National Institutes of Health
National Institutes of Health	New Models For Astrocyte Function in Genetic Mouse Models of Autism Spectrum Diso	\$396,250	Q2.S.D	CLEVELAND CLINIC LERNER COM-CWRU
National Institutes of Health	Translational Regulation of Adult Neural Stem Cells	\$372,621	Q2.S.D	University of Wisconsin
National Institutes of Health	Dysregulation of mTOR Signaling in Fragile X Syndrome	\$487,251	Q2.S.D	ALBERT EINSTEIN COLLEGE OF MEDICINE
National Institutes of Health	FMRP regulates the pruning of cell-to-cell connections in the neocortex	\$79,500	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
National Institutes of Health	Longitudinal MRI Study of Brain Development in Fragile X	\$773,954	Q2.S.D	Stanford University
National Institutes of Health	Development and afferent regulation of auditory neurons	\$386,250	Q2.S.D	University of Washington
National Institutes of Health	Mechanisms of Motor Skill Learning in the Fragile X Mouse Model	\$299,510	Q2.S.D	University of Nebraska
National Institutes of Health	Genotype-Phenotype Relationships in Fragile X Families	\$564,704	Q2.S.D	University of California, Davis
National Institutes of Health	Genotype-Phenotype Relationships in Fragile X Families	\$55,440	Q2.S.D	University of California, Davis
National Institutes of Health	Profiles and Predictors of Pragmatic Language Impairments in the FMR1 Premutation	\$53,132	Q2.S.D	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA
Simons Foundation	Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$0	Q2.S.D	Columbia University
Simons Foundation	The role of UBE3A in autism	\$125,001	Q2.S.D	Harvard Medical School
Simons Foundation	Genetically defined stem cell models of Rett and fragile X syndrome	\$175,000	Q2.S.D	Whitehead Institute for Biomedical Research
Simons Foundation	Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$0	Q2.S.D	Stanford University
Simons Foundation	Genetic studies of autism-related Drosophila neurexin and neuroligin	\$0	Q2.Other	University of Texas Health Science Center, San Antonio

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Simons Foundation	Using fruit flies to map the network of autism-associated genes	\$62,498	Q2.Other	University of California, San Diego
Simons Foundation	Pathogenic roles of paternal-age-associated mutations in autism	\$125,000	Q2.Other	Weill Cornell Medical College
Simons Foundation	Probing synaptic receptor composition in mouse models of autism	\$249,994	Q2.S.D	Boston Children's Hospital
Simons Foundation	Fragile X syndrome target analysis and its contribution to autism	\$249,272	Q2.S.D	Vanderbilt University

